

## EAST Search History

Ref #	Hits	Search Query	DBs	Default Operator	Plurals	Time Stamp
L1	106	(yttria or (yttrium adj oxide) or ("Y.sub?2" "O.sub?3")) WITH ((oxygen NEAR4 deficien\$4) or (oxygen NEAR4 loss) or (oxygen NEAR4 remov\$3))	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	SAME	ON	2008/09/23 20:05
L2	88184	yttria or (yttrium adj oxide) or ("Y.sub"?2 "O.sub"?3\$)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	SAME	ON	2008/09/23 20:06
L3	10087	("Y.sub"?2 "O.sub"?3\$)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	SAME	ON	2008/09/23 20:06
L4	185141	428/702 and (electron adj beam) or (laser adj beam)	US-PGPUB; USPAT	SAME	ON	2008/09/23 20:07

L5	879	L3 and L4	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	SAME	ON	2008/09/23 20:07
L6	4480	L3 and electron	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	SAME	ON	2008/09/23 20:19
L7	1621	L3 and (electron adj beam)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	SAME	ON	2008/09/23 20:19
L8	960	L3 and (electron adj beam) and oxygen	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	SAME	ON	2008/09/23 20:28
L9	959	L8 and @ad<"20050729"	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	SAME	ON	2008/09/23 20:28

L10	3792	427/551 or 428/701	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	SAME	ON	2008/09/23 21:08
L11	1016	L10 and L2	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	SAME	ON	2008/09/23 21:09
L12	279	L11 and (dark\$5 or black\$5 or gray\$5 or grey\$5 or brown \$5)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	SAME	ON	2008/09/23 21:10
L13	489	(dark\$5 or black\$5 or gray\$5 or grey\$5 or brown\$5) WITH (yttria)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	SAME	ON	2008/09/23 21:12
L14	115	(dark\$5 or black\$5 or gray\$5 or grey\$5 or brown\$5) WITH (yttrium adj oxide)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	SAME	ON	2008/09/23 21:13

L15	0	(dark\$5 or black\$5 or gray\$5 or grey\$5 or brown\$5) WITH ("Y.sub2" "O.sub3")	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	SAME	ON	2008/09/23 21:13
L16	489	L13 or L14 or L15	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	SAME	ON	2008/09/23 21:13
L17	13	L16 and L11	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	SAME	ON	2008/09/23 21:14
S1	1	10/560522	US-PGPUB; USPAT	SAME	ON	2007/09/10 16:39
S2	0	"60809409"	US-PGPUB; USPAT	SAME	ON	2007/09/06 16:20
S3	0	"11688565"	US-PGPUB; USPAT	SAME	ON	2007/09/06 16:21
S4	1	"11469051"	US-PGPUB; USPAT	SAME	ON	2007/09/06 16:23
S5	0	"10795998"	US-PGPUB; USPAT	SAME	ON	2007/09/06 16:24

S6	1	"6818321"	US-PGPUB; USPAT	SAME	ON	2007/09/06 16:24
S7	3	"6326063"	US-PGPUB; USPAT	SAME	ON	2007/09/06 16:26
S8	1	"6132890"	US-PGPUB; USPAT	SAME	ON	2007/09/06 16:27
S9	5	"6180259"	US-PGPUB; USPAT	SAME	ON	2007/09/06 16:27
S10	6	"6129994"	US-PGPUB; USPAT	SAME	ON	2007/09/06 16:29
S11	6	"5695883"	US-PGPUB; USPAT	SAME	ON	2007/09/06 16:30
S12	0	"08278627"	US-PGPUB; USPAT	SAME	ON	2007/09/06 16:30
S13	0	"08010987"	US-PGPUB; USPAT	SAME	ON	2007/09/06 16:31
S14	0	"07982567"	US-PGPUB; USPAT	SAME	ON	2007/09/06 16:31
S15	0	"07944965"	US-PGPUB; USPAT	SAME	ON	2007/09/06 16:31
S16	0	"50827413"	US-PGPUB; USPAT	SAME	ON	2007/09/06 16:31
S17	11	"5082741"	US-PGPUB; USPAT	SAME	ON	2007/09/06 16:32
S18	6	"5032557"	US-PGPUB; USPAT	SAME	ON	2007/09/06 16:32

S19	18	"4912835"	US-PGPUB; USPAT	SAME	ON	2007/09/06 16:34
S20	1	"06287546"	US-PGPUB; USPAT	SAME	ON	2007/09/06 16:35
S21	0	"10795998"	US-PGPUB; USPAT	SAME	ON	2007/09/06 16:36
S22	1	"6805968"	US-PGPUB; USPAT	SAME	ON	2007/09/06 16:37
S23	1	"6132890"	US-PGPUB; USPAT	SAME	ON	2007/09/06 16:37
S24	5	"6180259"	US-PGPUB; USPAT	SAME	ON	2007/09/06 16:40
S25	13	("0147852"   "20020177001"   "20050147852"   "5316859"   "5397650"   "5472793"   "6132890"   "6180259"   "6306489"   "6326063"   "6383964"   "6783863"   "6884516").PN.	US-PGPUB; USPAT	SAME	ON	2007/09/06 16:40
S26	0	429/702 and black and (("Y. sub2" "O.sub3") or (Yttrium adj Oxide))	US-PGPUB; USPAT	SAME	ON	2007/09/10 08:02
S27	31	428/702 and black and (("Y. sub2" "O.sub3") or (Yttrium adj Oxide))	US-PGPUB; USPAT	SAME	ON	2007/09/10 10:20
S28	167937	428/702 and (electron adj beam) or (laser adj beam)	US-PGPUB; USPAT	SAME	ON	2007/09/10 10:20

S29	660	S28 and ((("Y.sub2" "O.sub3") or (Yttrium adj oxide))	US-PGPUB; USPAT	SAME	ON	2007/09/10 09:46
S30	0	S28 and (((("Y.sub2" "O.sub3") or (Yttrium adj oxide)) NEAR white)	US-PGPUB; USPAT	SAME	ON	2007/09/10 09:46
S31	54	S28 and (((("Y.sub2" "O.sub3") or (Yttrium adj oxide)) SAME white)	US-PGPUB; USPAT	SAME	ON	2007/09/10 09:47
S32	1635	black and ((("Y.sub2" "O.sub3") or (Yttrium adj Oxide))	US-PGPUB; USPAT	SAME	ON	2007/09/10 10:20
S33	266541	(electron adj beam) or (laser adj beam)	US-PGPUB; USPAT	SAME	ON	2007/09/10 10:21
S34	462	S32 and S33	US-PGPUB; USPAT	SAME	ON	2007/09/10 10:21
S35	278	S34 and white	US-PGPUB; USPAT	SAME	ON	2007/09/10 10:21
S36	278	S35 and (coat\$ or film or finish or glaze or layer or varnish or veneer or blanket or sheet or skin or membrane or laminat\$ or cover\$ or lacquer or overlay or seal or sheath or polish or surface or outside or exterior)	US-PGPUB; USPAT	SAME	ON	2007/09/12 10:16

S37	1	S32 and (remolt\$ or re-molt\$)	US-PGPUB; USPAT	SAME	ON	2007/09/10 11:44
S38	17	black and (remolt\$ or re-molt\$)	US-PGPUB; USPAT	SAME	ON	2007/09/10 11:50
S39	1	(remolt\$ or re-molt\$) and ((Yttrium adj oxide) or ("Y.sub2" "O.sub3"))	US-PGPUB; USPAT	SAME	ON	2007/09/10 11:50
S40	1635	black and (("Y.sub2" "O.sub3") or (Yttrium adj Oxide))	US-PGPUB; USPAT	SAME	ON	2007/09/10 14:05
S41	17	S40 and (anaerobic or (no adj oxygen) or (no adj "O.sub2"))	US-PGPUB; USPAT	SAME	ON	2007/09/10 14:04
S42	65	S40 and (anaerobic or (no adj oxygen) or (no adj "O.sub2") or (oxygen adj free))	US-PGPUB; USPAT	SAME	ON	2007/09/10 14:04
S43	18	black NEAR10 (("Y.sub2" "O.sub3") or (Yttrium adj Oxide))	US-PGPUB; USPAT	SAME	ON	2007/09/10 14:08
S44	0	S43 and (anaerobic or (no adj oxygen) or (no adj "O.sub2") or (oxygen NEAR free))	US-PGPUB; USPAT	SAME	ON	2007/09/10 14:06
S45	188	black SAME (("Y.sub2" "O.sub3") or (Yttrium adj Oxide))	US-PGPUB; USPAT	SAME	ON	2007/09/10 14:09



S46	6	S45 and (anaerobic or (no adj oxygen) or (no adj "O.sub2") or (oxygen NEAR free))	US-PGPUB; USPAT	SAME	ON	2007/09/10 14:13
S47	51955	(coat\$ or film or finish or glaze or layer or varnish or veneer or blanket or sheet or skin or membrane or laminat \$ or cover\$ or lacquer or overlay or seal or sheath or polish or surface or outside or exterior) and (anaerobic or (no adj oxygen) or (no adj "O.sub2") or (oxygen NEAR free))	US-PGPUB; USPAT	SAME	ON	2007/09/10 14:18
S48	9185	S47 and black	US-PGPUB; USPAT	SAME	ON	2007/09/10 14:15
S49	5017	S48 and oxide	US-PGPUB; USPAT	SAME	ON	2007/09/10 14:15
S50	402	S48 and (rare adj earth)	US-PGPUB; USPAT	SAME	ON	2007/09/10 14:15
S51	369	S49 and (rare adj earth)	US-PGPUB; USPAT	SAME	ON	2007/09/10 14:16

S52	4270	((coat\$ or film or finish or glaze or layer or varnish or veneer or blanket or sheet or skin or membrane or laminat \$ or cover\$ or lacquer or overlay or seal or sheath or polish or surface or outside or exterior) SAME black) and (anaerobic or (no adj oxygen) or (no adj "O.sub2") or (oxygen NEAR free))	US-PGPUB; USPAT	SAME	ON	2007/09/10 14:22
S53	2479	S52 and oxide	US-PGPUB; USPAT	SAME	ON	2007/09/10 14:22
S54	219	S53 and (rare adj earth)	US-PGPUB; USPAT	SAME	ON	2007/09/10 14:22
S55	72	S54 and (yttrium or ("Y. sub2" "O.sub3"))	US-PGPUB; USPAT	SAME	ON	2007/09/10 14:51
S56	0	(Black or dark) SAME ((Yttium adj oxide) or ("Y. sub2" "O.sub3")) SAME coating	US-PGPUB; USPAT	SAME	ON	2007/09/10 14:52
S57	17	(Black or dark) SAME ((Yttrium adj oxide) or ("Y. sub2" "O.sub3")) SAME coating	US-PGPUB; USPAT	SAME	ON	2007/09/10 14:52
S58	0	61-104062	JPO; DERWENT	SAME	ON	2007/09/10 16:39
S59	5	"104062"	JPO; DERWENT	SAME	ON	2007/09/10 16:39

S60	0	"04078398.7"	DERWENT	SAME	ON	2007/09/11 11:19
S61	0	"04078398"	DERWENT	SAME	ON	2007/09/11 11:20
S62	1	"1543945" A1	DERWENT	SAME	ON	2007/09/11 11:20
S63	29	"4,233,107"	US-PGPUB; USPAT; JPO; DERWENT	SAME	ON	2007/09/12 10:15
S64	28720	(coat\$ or film or finish or glaze or layer or varnish or veneer or blanket or sheet or skin or membrane or laminat \$ or cover\$ or lacquer or overlay or seal or sheath or polish or surface or outside or exterior) NEAR black	US-PGPUB; USPAT	SAME	ON	2007/09/12 10:17
S65	37215	(coat\$ or film or finish or glaze or layer or varnish or veneer or blanket or sheet or skin or membrane or laminat \$ or cover\$ or lacquer or overlay or seal or sheath or polish or surface or outside or exterior) NEAR black	US-PGPUB; USPAT; EPO; JPO; DERWENT	SAME	ON	2007/09/12 10:18
S66	12226	S65 and (laser or (electron adj beam) or irradiat\$)	US-PGPUB; USPAT; EPO; JPO; DERWENT	SAME	ON	2007/09/12 10:18

S67	111	S66 and ((yttrium adj oxide) or ("y.sub2" "o.sub3"))	US-PGPUB; USPAT; EPO; JPO; DERWENT	SAME	ON	2007/09/12 10:59
S68	1	((thermal adj shock) or (rapid adj (heat or heating or heated))) and (((yttrium adj oxide) or ("y.sub2" "o.sub3")) NEAR white)	US-PGPUB; USPAT; EPO; JPO; DERWENT	SAME	ON	2007/09/12 13:41
S69	860	((thermal adj shock) or (rapid adj (heat or heating or heated))) and ((yttrium adj oxide) or ("y.sub2" "o.sub3"))	US-PGPUB; USPAT; EPO; JPO; DERWENT	SAME	ON	2007/09/12 11:02
S70	178	((thermal adj shock) or (rapid adj (heat or heating or heated))) and ((yttrium adj oxide) or ("y.sub2" "o.sub3")) and black	US-PGPUB; USPAT; EPO; JPO; DERWENT	SAME	ON	2007/09/12 11:02
S71	3	(laser or (electrom adj beam)) and (((yttrium adj oxide) or ("y.sub2" "o.sub3")) NEAR white)	US-PGPUB; USPAT; EPO; JPO; DERWENT	SAME	ON	2007/09/12 13:42
S72	3	(laser or (electrom adj beam)) and (white NEAR ((yttrium adj oxide) or ("y.sub2" "o.sub3")))	US-PGPUB; USPAT; EPO; JPO; DERWENT	SAME	ON	2007/09/12 13:44

S73	24	(laser or (electrom adj beam)) and (white WITH ((yttrium adj oxide) or ("y.sub2" "o.sub3"))))	US-PGPUB; USPAT; EPO; JPO; DERWENT	SAME	ON	2007/09/12 13:44
S74	3	(laser or (electron adj beam)) and (white NEAR ((yttrium adj oxide) or ("y.sub2" "o.sub3"))))	US-PGPUB; USPAT; EPO; JPO; DERWENT	SAME	ON	2007/09/12 13:45
S75	37	(laser or (electron adj beam)) and (white WITH ((yttrium adj oxide) or ("y.sub2" "o.sub3"))))	US-PGPUB; USPAT; EPO; JPO; DERWENT	SAME	ON	2007/09/12 13:47
S76	24	(laser or (electron adj beam)) and (white WITH ((yttrium adj oxide) or ("y.sub2" "o.sub3")))) and black	US-PGPUB; USPAT; EPO; JPO; DERWENT	SAME	ON	2007/09/12 13:47
S77	1	"6,852,433"	JPO; DERWENT	SAME	ON	2007/09/13 14:33
S78	1	"6,422,008"	JPO; DERWENT	SAME	ON	2007/09/13 14:35
S79	1	"6,422,008" B1	JPO; DERWENT	SAME	ON	2007/09/13 14:37
S80	7	"4,055,705"	JPO; DERWENT	SAME	ON	2007/09/13 14:41
S81	7	"4335190"	JPO; DERWENT	SAME	ON	2007/09/13 14:45
S82	2	"4929598"	JPO; DERWENT	SAME	ON	2007/09/13 14:49

S83	1	"5422008"	JPO; DERWENT	SAME	ON	2007/09/13 14:49
S84	1	"6422008"	JPO; DERWENT	SAME	ON	2007/09/13 14:50
S85	1	"4925830"	JPO; DERWENT	SAME	ON	2007/09/13 15:03
S86	1	((yttrium adj oxide) or ("Y. sub2" "O.sub3")) and (remolt \$ or re-molt\$ or remelt\$ or re-melt\$)	JPO; DERWENT	SAME	ON	2007/09/13 15:17
S87	4	black and (coating or film) and (remolt\$ or re-molt\$ or remelt\$ or re-melt\$)	JPO; DERWENT	SAME	ON	2007/09/13 15:17
S88	102	((yttrium adj oxide) or ("Y. sub2" "O.sub3")) and (remolt \$ or re-molt\$ or remelt\$ or re-melt\$)	US-PGPUB; USPAT; JPO; DERWENT	SAME	ON	2007/09/13 15:18
S89	35	((yttrium adj oxide) or ("Y. sub2" "O.sub3")) and (remolt \$ or re-molt\$ or remelt\$ or re-melt\$) and black	US-PGPUB; USPAT; JPO; DERWENT	SAME	ON	2007/09/13 15:19
S90	79	((yttrium adj oxide) or ("Y. sub2" "O.sub3")) and (remolt \$ or re-molt\$ or remelt\$ or re-melt\$) and (coating or film)	US-PGPUB; USPAT; JPO; DERWENT	SAME	ON	2007/09/13 16:49

S91	0	"64220108"	US-PGPUB; USPAT; JPO; DERWENT	SAME	ON	2007/09/13 16:50
S92	3	"6422008"	US-PGPUB; USPAT; JPO; DERWENT	SAME	ON	2007/09/13 16:50
S93	13	("20020177001"   "4502983"   "5993970"   "6080232"   "6582814").PN. OR ("6852433").URPN.	US-PGPUB; USPAT; USOCR	OR	OFF	2008/03/13 16:14
S94	2180	(grey or gray or black or "L*") and (("Y.sub2" "O. sub3") or (Yttrium adj Oxide))	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	SAME	ON	2008/03/13 18:33
S95	2165	(grey or gray or black) and (("Y.sub2" "O.sub3") or (Yttrium adj Oxide))	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	SAME	ON	2008/03/13 18:33
S96	28	(grey or gray or black) NEAR10 (("Y.sub2" "O. sub3") or (Yttrium adj Oxide))	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	SAME	ON	2008/03/13 18:33

S97	0	("3329623").URPN.	USPAT	OR	OFF	2008/03/14 08:55
S98	9	("3545987"   "3764643"   "3873657"   "4098612"   "4115134"   "4166831"   "4755492"   "4761390").PN. OR ("5004712").URPN.	US-PGPUB; USPAT; USOCR	OR	OFF	2008/03/14 09:49
S99	452	427/551	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2008/09/22 15:56
S100	21	S99 and ((yttrium adj oxide) or yttria)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2008/09/22 15:56
S101	28	S99 and ((yttrium adj oxide) or yttria)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2008/09/22 15:59



S102	24	S101 and electron	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2008/09/22 15:59
S103	1	S102 and (black or grey or gray or dark\$5)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2008/09/22 16:00
S104	3306	(yttria or (yttrium adj oxide) or ("Y.sub2" "O.sub3")) and ((oxygen NEAR4 deficien\$4) or (oxygen NEAR4 loss) or (oxygen NEAR4 remov\$3))	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	SAME	ON	2008/09/23 09:56
S105	0	S104 and @ad<="07292005"	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	SAME	ON	2008/09/23 10:04
S106	0	S104 and @ad<"07292005"	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	SAME	ON	2008/09/23 10:05

S107	2757	S104 and @ad<"20050729"	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	SAME	ON	2008/09/23 10:05
S108	106	(yttria or (yttrium adj oxide) or ("Y.sub2" "O.sub3")) WITH ((oxygen NEAR4 deficien\$4) or (oxygen NEAR4 loss) or (oxygen NEAR4 remov\$3))	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	SAME	ON	2008/09/23 10:07
S109	0	(yttria or (yttrium adj oxide) or ("Y.sub2" "O.sub3")) WITH ("Y.sub2" "O.sub3"\$5)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	SAME	ON	2008/09/23 11:15
S110	0	("Y.sub2" "O.sub3"\$5)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	SAME	ON	2008/09/23 11:17
S111	0	("Y.sub2" "O.sub3"\$)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	SAME	ON	2008/09/23 11:18

S112	0	("Y.sub2" "O.sub3\$")	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	SAME	ON	2008/09/23 11:18
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